De Chapman No86 Jan: 13 1. 1829 38 Jansom . University of Tennsylvania Inaugural Efsay 1829 Gastro-ententis George J. Smith Virginia For The degree of Doctor of Medicine 1829.

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Remarks on Gastroententis

Medicine at the present period appears to be advancing in improvement and innovation with rapid strides but however auspicious the present prospect of improve ment may be there yet no doubt, remain, many difficulties to remove and many false theories to deters Autopsie al investigation, by which obscurities might, in a great degree be removed from the practice of medicine have tilthesto bun too much neglected partie ularly by American physicians; though for a furyear past, pathological Anatomy has been attended to south much more sperit and enterprise than formerly and home me see that medicine is daily advancing) in improvement, and the true nature of many diseases diseavered which new at one time considered to be both obscure and terrifich in their character. In deed, the great difficulty under which the country practicioner has l'abound, or in other mort that panich Terror so privatent in a moral practice relative to-

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Autopois begins to yield in proportion to the gradual declention of ignorance and propoular supressition, Thereby giving to the country Practicioner in a degree the advantage of one situated in a publish Infirmary. The attention of the medical world has been recently invited particularly to all discuses of the mucous membranes. and as the stomach has for a long time been considered an organ principally liable to suffer in fever the attention seems to have been mainly derected to that viscus; but investigations daily evince the propriety of attending to the whole alimentary canal; indeed Such is the connexion between the stomach and bowels that it appears, the one cannot be affected to any considerable extent, without communicating its morbid derangement to the other.

The new theory relative to diseases of the mucious membranes termed the Broufsain or French arctrine is certainly calculated to another the minus of Physicians, to many important

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facts. The ideas of Broupous in regard to all diseases or all of what are lesmed Idiopathic diseases, esnisting primarily in an inflamation of the stomach and Buouenum, are certainly not original for the Same new entertained by some few american Thypicians, before the name of Broupous was heard of in america as Dis Chapman, Miller, Seeter, and some others; but while we daim our prerogation in this respect, that candour and liberality, the wellnown characteristic of an american people, compile us to admit, that many of their valuable contributions and sartually for some of the improved doctrines of the day we are much indicated to the French.

The attention of the profession has not only been invited to the mucous tipues, but no find that all the tipous claim a large share of attention; indeed no method seems better calculated to dispel the mist which has for so long a time dershare one at the Science of medicine, as the one assumed by

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Pathologists at the present period. Is my intentiones only to make a few remarks on Gastro-ententis, to discuso the comparation merits of the Broupain yetem of Bractice, and mishing to indulge in that degree of protinity, which should be done in an efocy of This kind, I shall confine myself merely to the mucous membrane of the Homach, as being the primary seat of nearly all discourses Impressed at an early trend of my medical investigations with the ideas of Doctors Chapman and Jackson, in regard to the nature of fever which occurred in the Dennylvania_ almohouse in the years-1626-7- which was to me indeed novel I have dince devoted my attention in a great deque to all diseases of the mucous membranes- of the stomach and bowels, and can truly very, theis in nearly all of what are eatted Laughathie fevery oppear to convict ponmarily in an inflamation of the Stomach and duodenum, and the Homach is certainly adupted from its eletrowedinary pawer

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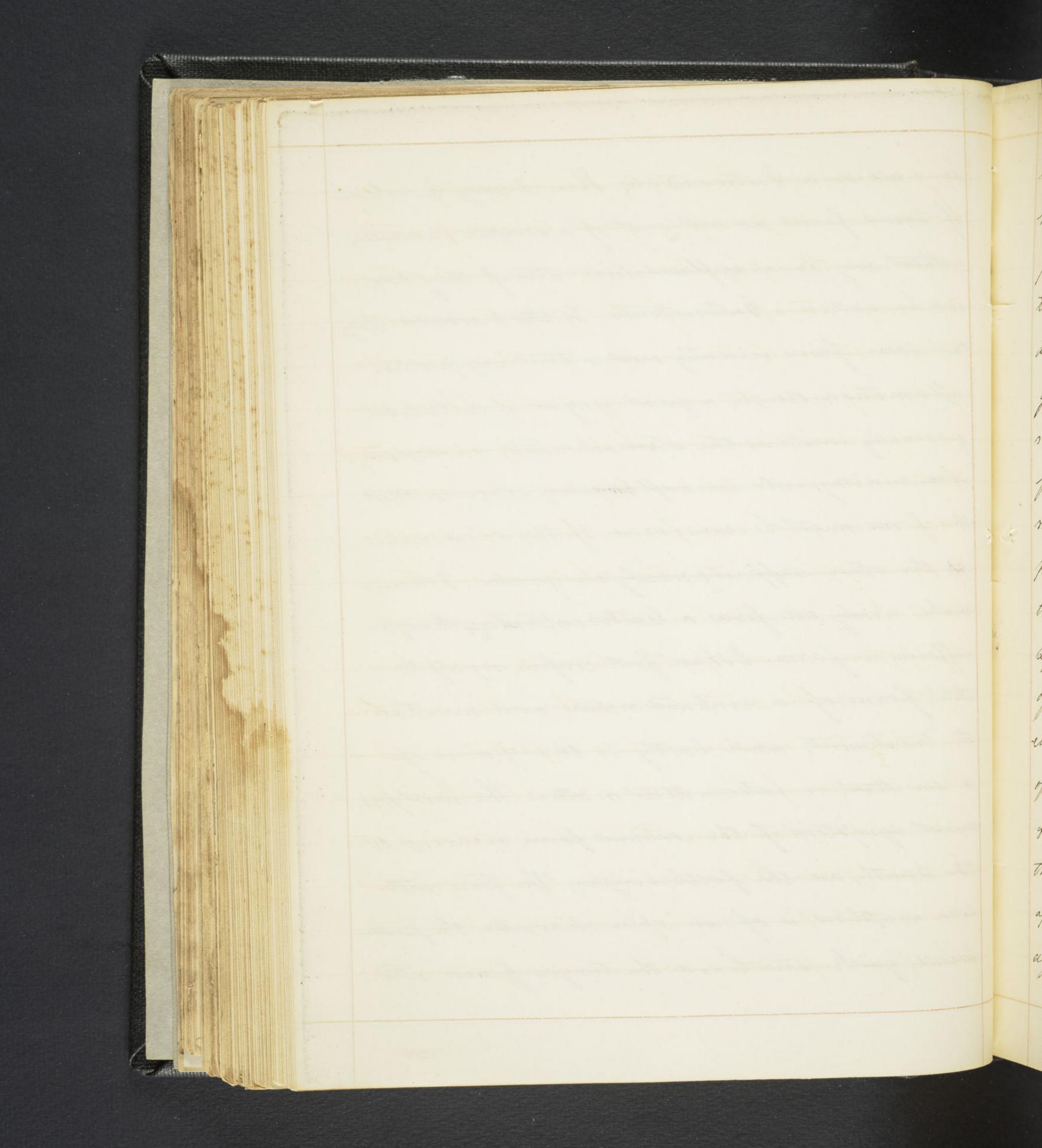
of sympathy to estend the disease to other viscera, and is itself most liable to sustain the burden of it, and to undergo the most formidable derangement. I mued here Aseron that in my remarks on This subject it is not my intention to travel through a routine of sympstoms as notice the various causes as laid down by writen, but Shace promisewously, stale what has some under my oun observation respecting the disease. In looking our the mitings of the late total liver, I was struckmith his ideas respecting the nature and cause of fewers, & as they correspond so nearly with the doctrine now so muchinvogue I beg le ous to insert them. He believes that five depends on some primary local offection, and observes, that, "the morbid cause how varied soever whether contagion or miasmata; whether atternation of temperature or other noxious pours operating in a similar way expreas always to act on the same principle; it stimulates directly or indirectly a particular partion of the System in a less or quater degree; hence he observes, "that fiver

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is originally local; and though in its progrep, it may he estended over the whole body, me are still to ngund it Snifty as symptomatick of the timulus applied to a particular part. If a sword penetrate the abdomen, and transfir the stomach, the range of Dympathy propelsed by this visces will draw on a train of severe consequences, such aspain, inflamation, fiver, convulsion, gangrene He In this ease, the fever and convulsions, are equally Symptomatick of the nound and, by attending principally to these, and overlooking the injury me should att as in common pestituital diseases. where the force and rappicity of the actions the bloodrepsels are deemed of mon importance them the local poison which inflames, convais, and paralises a vital organ! fever of an I wop athie kind, or having its primary local seat in the stomach may



be eallest a Gastroenterity. Here I may be asked if some fever do not exist of a simple character, without any local influmation, and if they too, ean he ealled a Gastroentents. In this I mula uply that some fevers evidently esuist without any position influmation, though, a great degree of initation generally isusts in the stronger and and duodenum, soon runing, into an inflammatory stage in that this form might be considered of the same nature as the other, differing merely in grace. I then make nearly all fevers a Gastroenteritiz; Though eiffering in fam. I shaw first confine myself to that form of a continued nature and mention the treatment; and lastly to that form of a remettent, or intermitteed nature. The most for minunt symptoms of the continues form, occurring to the south, are the following (vy) The fire with some exceptions, is of an open character, the pulm Smull, quick and hard the tingue furred and



very rea around the eager feet frequently even head has and paniful, great tenderness and pein in the epigastrie region. I mention ten a enes som pain of the epigastne region as sympstoms of the desiase; yot, these though yen erally, were not invariably present. Ih am sun many eases eases too which nearly always from fatal, where no tendemps pain or uneasings was discovered, even from the most owner propour applied our the whole alimentary trait. I roused also mention as an invariable Sympstom, reamp of the lining memberune of the mouth and fames, this in the most of eun easy- mas conceive a to be a sufficient evidence of the airear for in some easy I have known, no quat artinal disturbance, and as before observed, not the least pain. I'm the above sympotoms of mice appear that this is an influmatory disease, and wife etions repe attenty made clearly evening That

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the villous coat of the stormach and bowels, is inflamed, extending frequently to the other coats, and also to the coophages and lingment brane of the fames; and very frequently to the arachnoid membrane of the brain.

from of fever, that the Bruspain yetem of praction is somderfully adapted the system of praction generally pursued in such eases. especially by Souther physicians, is certainly injuneus. Durgatius, harsh and drastie, are comm. mly administered with a desire to procum effect nal stool, bilions stores now, if eathans is take plan it might do govar but oftener, much oftener indien, ore fail in this way to indun purying. mays simply be cause the inflamed stomach and barvels, are greatly irritated by such medicines and put fairly about the purging paint. If instead fan instating and drastie purp

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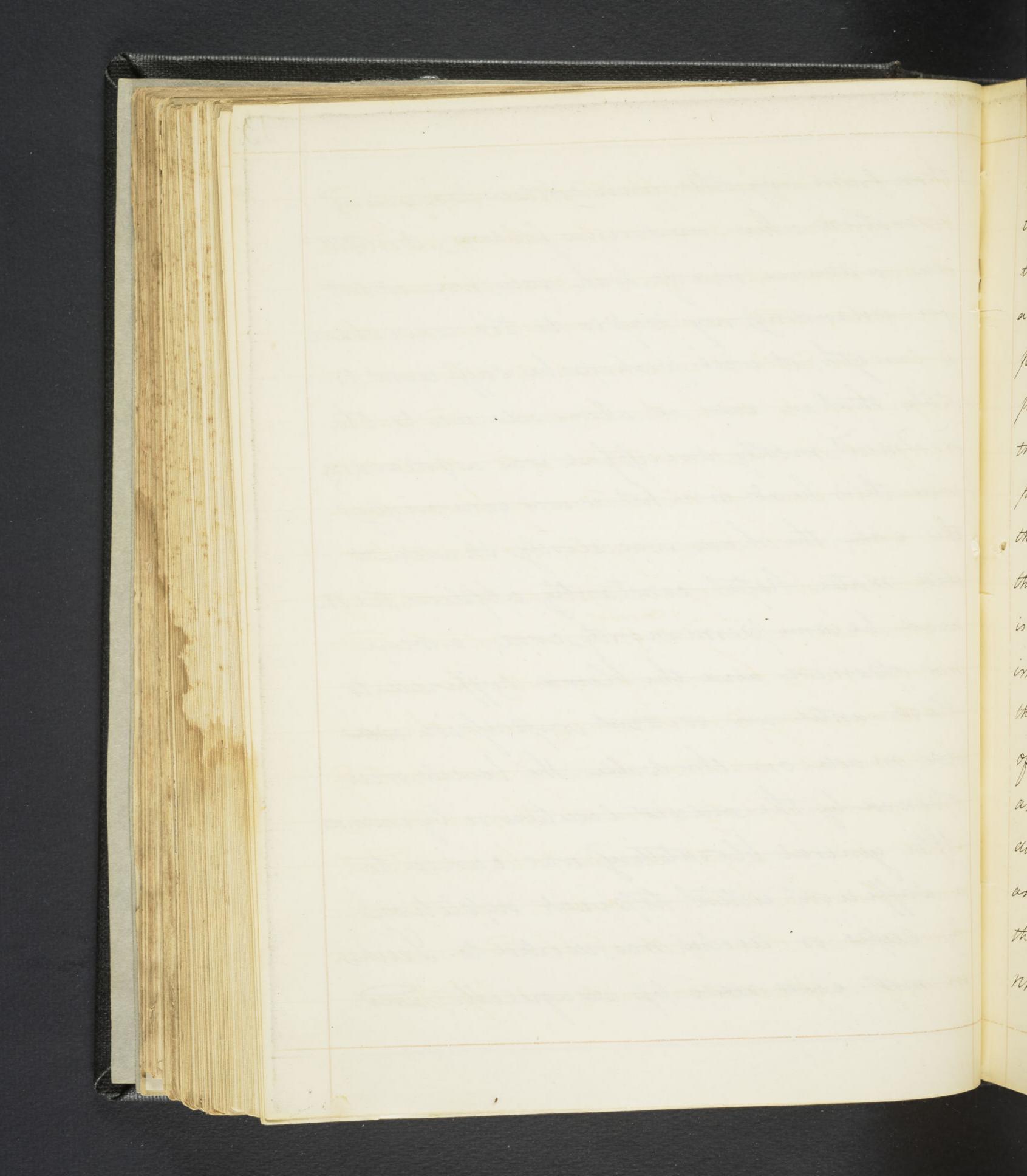
a somple Tepsia enema be given ive would always nearly Jucceed in purging, batharties are commonly given with a desin to bring away bilious discharges and balomee is generally given with, the most of Physician, because that medicine they think acts more immediately on the Liver, and esecutes it to a healthy performanu of its functions, and umoves the viteated de cretion of bile. Hence me have black discharges_ It is afserted by Dr. Jamuel Jackson of this tily that these discharges are not bilious, but a more bia secretion from the inflamed mucous men bram of the bowels. This he has particularly observed in the many autoposical observation he has made; and has always found that in an abnormal condition of this membrane then would be adhering) closely this vitiated decretion and very near it- in a normal condition, no such de cretim could be found. This may in a measur account for balumels for valuing these dask discharge



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than from any other remedy, these procuring aperations when medicines failed I might here a avance many such ease, mere it not for esetending) my payser to too considerable a length; it wice perhaps be sufficient to State, that in cases as about alluded to-the breatment mostly succeptul was as following Where their heads were hot as was commonly) the ease the hair was closely shaven & wen water kept constantly applica, telthe head be came permanently cove, a vein was ofsened and the bloom suffered to flow until ein evident imporession solds was made on the pulse. The bawels were opened by the mildest lasertives or by inemote After general bloodtetting mas earies to a sufficient coetent, topsieal alphation by cups or luches was resorted to. Leuhes in most eases væse life disagneeable, and



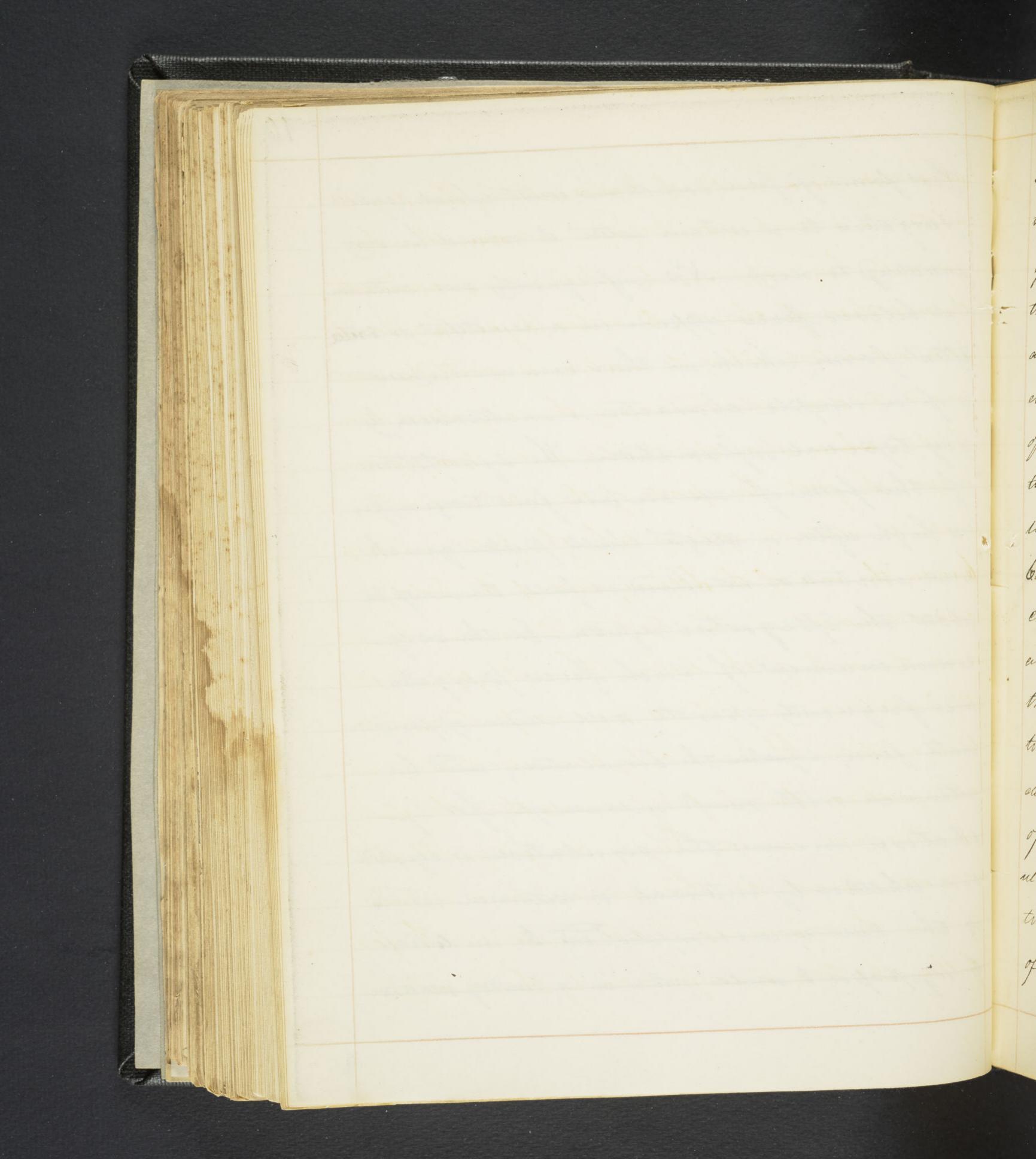
more d'alutany in its effects, than eupsping) but whether the one or the other was no orled to it was invanably ne young to push their use to a competity and decided imporession on the Jouls In Touth it is as much the duty of a physician to sit by the heaside, and match the effect of local depotetion, as to attend to the pulse in cases of abstraction of bloon from the arm; and have myself, no doutet, but the failur of on cress in topical bloodletting) is generally cowing to of this important and ister one duty of is very frequently the care that the country practiciones, de en the use of topical depletion, having) never mitnig, any good effe et from the They commonly direct size or eight beeches to be applied and when they have recourse to cups, not more than two or three gills of blood an araun nhow, if inflamation exist, not left than

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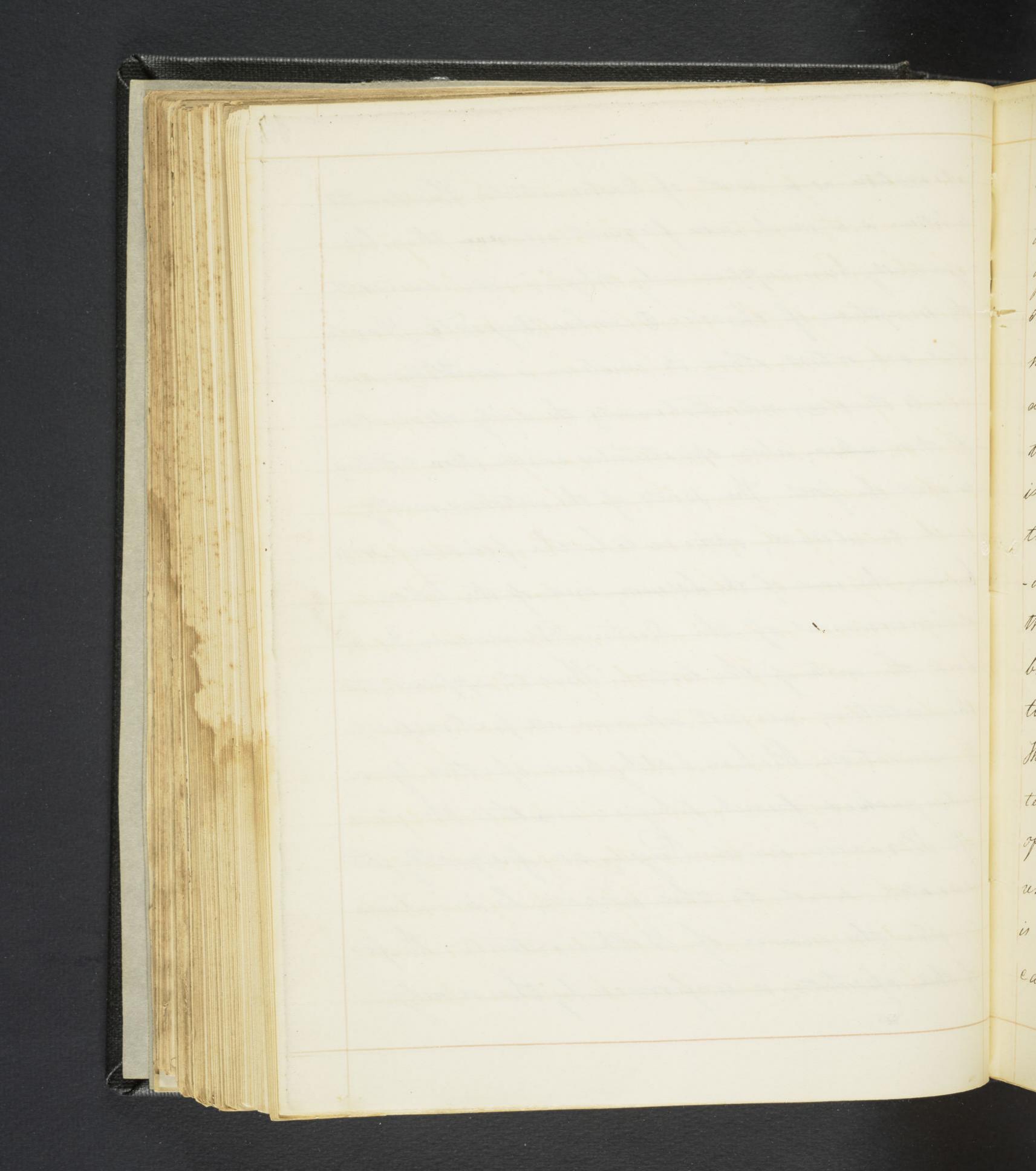
from fifty or to eighty min outfine, of the common american leech. It may indeed as a general rule be remarked, that thon Joers ons who are louciest in their concremnation and most esetravagant in their abertian, about duch things, have given them anly aparticle trial hence many valuable remedies, are laid aside being wither hurtful or useless which porh ups if managed correctly, might Stand as an invaluable remedy, in the eun of many diseases. When the fett men cow the mann peculavium was found of much denvice blister were sometimes useful in the latter ot aff, though generally the inflamation was of a character too acute to the last, to admit of their use. The drink to be simple evol water, Lem onach Jum arabie vatude. Diet, Barly water, nie worter, and other ashely of a simple and digestable nature.

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That farms of fever cometimes except which require purgatives to a certain esetent & moula be very unrilling) to derry. Not unfrequently our autumn - al bilious fer en appear in a remittent or inta titlent form which in their commencement is of a simple character or unattended by any topical inflamation. The symptoms of this form of dise as an four tongue, fer ens high after a sligtht chill pulse grich and irritated, not hard, or fully tencienes de about the Epsignotrie segion In the very commencement of such fever purgations mill freguents operate melle uliem opporesion abate fever equalise the circulation, and he attende en with much eedvantge for by whatever me and the circulation is equalisea whether by internal or external remied is the cure is accomplished In unclusion of my paper I mula nother in a currony manner



ulceration as a result of Gastro-ententis, This Sam Ted to believe is a much more frequent occurrence, than has generally been supposed by physicians; indeed onthe the enception of chronic Dianhox, Dysentery, Vanda and one or two others, its escioteme is aoutledymans even, to this occus; notwitholanding, the daily abservation of then, selesse, when apportunities, enable them probitions, to afort the fact. The parts of the intestines mostly liable to ulcerate, appear to be the following buy; brewn, the end of the deleum, end of the bolon, commencement of the Rectum, Duodenum, Legunum una the and of the bolon. Thus it appears, that the intestine, are not all, or in all portron, liable to uluration, It has lately been apertea by gi distinguished french physicians that the flows of Brunner and Peyer, are freguently form ulcer ated, and to this disease, he is induced to gime the name of Gothinententis. The fact of this abortion is confirmed by the daily



observation of many others, and had been frequently noticed by the attending physicians of the Tennsylvania almohoun, beforethe statement of the pench soriter, Bretonneau had bein received Some have devided uleer ation of the intestines into elistenes elassesthe one perhaps mostly comprehensin is the following (vig) 1. into the villous, confined to the villi of the mucous cout, 2. into the follie-- when confined to the mucous follieles_3. Into the patched or laminated, which might include both the others. It, into the pustular confined to the gland of Brunner and Deger. The existence of ulcers in, the stomach and bowels tena evidently to confirm the belief the locality of disease and how vootly neepang it is to umon the local affection before the fever, which is entirely elepsendant on this local affection ean be removed when the disease harrun

